

**COASTAL  
ENGINEERING  
2014**

Proceedings of the 34<sup>th</sup> International Conference

# COASTAL ENGINEERING 2014

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Edited by

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**Abstract:** This *Proceedings* contains 329 papers and 41 posters presented at the 34<sup>th</sup> International Conference on Coastal Engineering, which was held in Seoul, Korea from June 15 to June 20, 2014. The *Proceedings* is divided into six parts: Waves; Swash, Nearshore Currents, and Long Waves; Sediment Transport and Morphology; Coastal Structures; Coastal Management, Environment, and Risk, and Posters. The individual papers cover a broad range of topics including theory, numerical and physical modeling, field measurements, case studies, design, and management. These papers provide engineers, scientists, and planners state-of-the-art information on coastal engineering and coastal processes.

## Foreword

The 34<sup>th</sup> International Conference on Coastal Engineering (ICCE 2014) was held in Seoul, Korea from June 15 to June 20, 2014. The Local Organizing Committee, led by Kyung-Duck Suh, is acknowledged for their dedicated preparation over many years that led to a successful conference with broad participation. Nearly six-hundred attendees from 44 countries gathered at the The-K Seoul Hotel and Convention Center to discuss research and applications in coastal engineering. The papers contained in this *Proceedings* cover a wide range of topics including waves; swash, nearshore currents, and long waves; coastal management, risk, and environmental restoration; sediment transport and morphology; and coastal structures. The authors have provided state-of-the-art contributions, and this volume could not be produced without their commitment to solving coastal engineering challenges. The members of the ASCE/COPRI Coastal Engineering Research Council (CERC) and the ICCE 2014 Technical Review Committee reviewed 740 abstracts and selected the 410 paper and 57 posters that were presented at the conference. The dedication of the Council members has led to the continued high quality and popularity of the International Conference on Coastal Engineering.

Preparation of these proceedings would not be possible without the assistance of many colleagues. Thank you to Dr. Jane Smith, CERC Chairman, and Dr. Ron Noble, CERC Vice Chairman, as well as their outgoing counterparts, Prof. Robert A. Dalrymple and Prof. Billy L. Edge, for their guidance and encouragement. Additional thanks go to Kyung-Duck Suh for answering many requests for information and for his gracious hospitality in Seoul.

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